Refine Search

Search Results -

Term	Documents
DESCREEN$5	0
DESCREEN	42
DESCREENATION	2
DESCREENED	66
DESCREENER	10
DESCREENING	134
DESCREENS	5
DE-SCREEN$5	0
DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN$5 OR DE-SCREEN$5) SAME (LIN$3 NEAR3 SMOOTH$3 NEAR3 FILTER$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	0

There are more results than shown above. Click here to view the entire set.

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L7

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Monday, May 17, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		

h e b b cg b e e ch

L7	L3 and ((descreen$5 or de-screen$5) same (lin$3 near3 smooth$3 near3 filter$3))	0	L7
L6	L3 and ((descreen$5 or de-screen$5) same (lin$3 near2 smooth$3))	0	L6
L5	L3 and ((descreen$5 or de-screen$5) same (lin$3 near2 smooth$3))	0	L5
L4	L3 and ((descreen$5 or de-screen$5) same (lin$3 near3 smooth$3 near3 filter$3))	0	L4
L3	l1 and l2	2560	L3
L2	(358/1.9 or 358/3.2 or 358/3.06 or 358/3.07 or 358/3.08 or 358/3.09 or 358/534 or 358/535 or 358/536).ccls.	3526	L2
L1	@ad<20000928	19636225	L1

END OF SEARCH HISTORY

h e b b cg b e e ch

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DESCREENS	5
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DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN$5 OR DE-SCREEN$5) SAME (LIN$3 NEAR2 SMOOTH$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	0

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DATE: Monday, May 17, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L5	L3 and ((descreen$5 or de-screen$5) same (lin$3 near2 smooth$3))	0	L5

h e b b cg b e e ch

L4	L3 and ((descreen$5 or de-screen$5) same (lin$3 near3 smooth$3 near3 filter$3))	0	L4
L3	l1 and l2	2560	L3
L2	(358/1.9 or 358/3.2 or 358/3.06 or 358/3.07 or 358/3.08 or 358/3.09 or 358/534 or 358/535 or 358/536).ccls.	3526	L2
L1	@ad<20000928	19636225	L1

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h e b b cg b e e ch

Hit List

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5799112 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 3 File: USPT Aug 25, 1998

US-PAT-NO: 5799112
DOCUMENT-IDENTIFIER: US 5799112 A

TITLE: Method and apparatus for wavelet-based universal halftone image unscreening

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de Queiroz; Ricardo L.	Fairport	NY		
Luo; Jiebo	Rochester	NY		
Fan; Zhigang	Webster	NY		

US-CL-CURRENT: 382/254; 358/3.08, 358/447, 382/261, 382/263, 382/264

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw Desc | Ima

☐ 2. Document ID: US 4288821 A

L8: Entry 2 of 3 File: USPT Sep 8, 1981

DOCUMENT-IDENTIFIER: US 4288821 A
** See image for Certificate of Correction **
TITLE: Multi-resolution image signal processing apparatus and method

Application Filing Date (1):
19800602

Detailed Description Text (9):
Image pixels from low resolution array 16 are input through line 24 to descreening filter 52 of high frequency halftone and continuous tone processing section 29.

Detailed Description Text (30):
High frequency halftone and continuous tone processing section 29 employs a one dimensional descreening filter 52. For example, where the scanning frequency is 500 scan lines/inch, filter 52 may comprise a simple low pass 1.times.7 matrix linear filter preferably tailored to provide some enhancement for sharpening edges at the points where signal levels change, to smooth out the high frequency image pixel output of low resolution array 15. Following descreening, the image pixels are fed via selector 27 to a relatively low frequency electronic screen 54 of the type preferably employing cyclic changes in threshold values whereat the pixels are rescreened at a lower frequency.

h e b b g e e e f e e c ef b e

Where, as above, the original sampling frequency is 500 scan lines/inch, one suitable screen comprises a 70 cells/inch 45.degree. screen with conventional S-shaped Tone Reproduction Control (TRC). Continuous tone image signals output by high resolution array 14 are input directly to screen 54 through selector 27.

Current US Original Classification (1):
358/3.07

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Ima

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☐ 3. Document ID: US 4194221 A

L8: Entry 3 of 3 File: USPT Mar 18, 1980

DOCUMENT-IDENTIFIER: US 4194221 A
TITLE: Automatic multimode continuous halftone line copy reproduction

Application Filing Date (1):
19781226

Detailed Description Text (30):
High frequency halftone processing section 29 employs a descreening filter 52. For example, where the scanning frequency is 500 scan lines/inch, filter 52 may comprise a simple low pass 5.times.7 matrix linear filter preferably tailored to provide some enhancement for sharpening edges at the points where signal levels change, to smooth out the high frequency image signals from lines L.sub.1, L.sub.2, L.sub.3, L.sub.4, L.sub.5. Following descreening, the image signal is fed to a relatively low frequency electronic screen 54 of the type preferably employing cyclic changes in threshold values whereat the image is rescreened at a lower frequency. Where, as above, the original sampling frequency is 500 scan lines/inch, one suitable screen comprises a 70 cells/inch 45.degree. screen with conventional S-shaped Tone Reproduction Control (TRC). The output of screen 54 is fed to one pixel storage buffer 55 pending determination by autocorrelator 22 of whether the image data is high frequency halftone or not.

Current US Original Classification (1):
358/3.08

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Ima

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

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h e b b g e e e f e e c ef b e

DE-SCREEN$5	0
DE-SCREEN	11
DE-SCREENED	26
DE-SCREENER	11
(L3 AND ((DESCREEN$5 OR DE-SCREEN$5) SAME (LIN$3 NEAR3 FILTER$3))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	3

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